

## PATENT ABSTRACTS OF JAPAN

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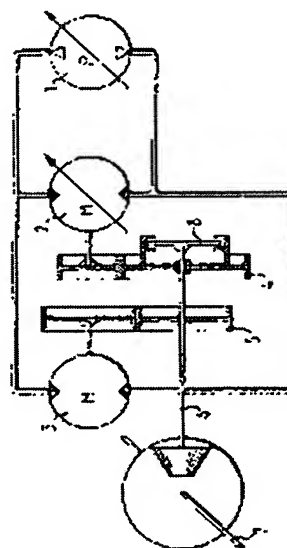
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(54) STEPLESSLY ADJUSTABLE HYDROSTATIC DRIVE DEVICE

(57)Abstract:

PURPOSE: To eliminate a change-over transmission device including its control and adjustment device by providing a change-over clutch between a servo motor and an output shaft as the servo motor free to revolve by returning to a zero position and a constant speed motor work on the common output shaft through an intermediate gear.

CONSTITUTION: At least one servo motor 2 free to revolve by returning to a zero position in a hydraulic balance circuit and at least one constant speed motor 3 are provided on a hydrostatic drive device free to steplessly adjust for an automatic driving machine furnished with a plural number of driving motors to supply fluid by a common adjustable operation driving pump 1. Thereafter, in the case when the above are at least one each provided, it is constituted so that a change-over clutch 8 is provided between the servo motor 2 and the output shaft 6.



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